

REL Corner: Mathematics Teaching and Learning

[Learn more about REL Appalachia and its work](#) and dive into these resources on teaching and learning mathematics.

- [Supporting Your Child in Developing Math Skills for Future Success](#). This infographic for families displays research on the importance of mathematics for success in elementary school to college and careers.
- [Algebra for All: Focus on Visual Representations](#). This webinar shares research-based strategies that support all learners in preparing for algebra I, focusing on the use of visual representations to support mathematics content learning.
- [Impact of Providing Information to Parents in Texas About the Role of Algebra II in College Admission](#). This fact sheet shares findings from a study in Texas that examined whether providing parents and guardians information about the role of Algebra II in college admissions has an impact on student Algebra II completion.
- [What available research or resources are related to designing and implementing performance-based assessments in science and mathematics at the elementary school level?](#) This Ask A REL response shares research reports and descriptive study articles on designing and implementing performance-based assessments in science and math.
- [Solving Mathematical Problems in More than One Way: A Guide for Middle School Teachers](#). This infographic shares six strategies to approach mathematical problems and additional resources for teachers.